Shield of Morth



In 2011 at a mine in Alberta, Canada, Shovel operator Shaun Funk noticed an add rock in the sandstone cliff face.



fossil in the Clearwater Formation rock, laid down 110 MYA by an inland sea, a team from the Royal Tyrrell museum of Palaeontology was called in to excavate the massive fossil.

The team, lead by Donald Henderson, was astonished to discover it was an ankylosaur, an armored dinosaur.

It took 2 weeks to isolate the entire fossil porter lanker

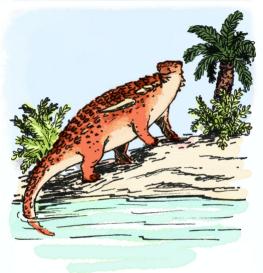
and prepare it for transportation.

Wrapped in burlap and plaster, the fossil was strapped and lifted--and immediately the weight into two halves and many tiny frogments.

* watch it online, it's terrible + amazing.

foot scales 7 It took 5 and a half years (7000 hours) The downside of excellent for Mark Mitchell to prepare the fossil, preservation is that most a painstaking process of removing the internal features aren't accessible Conly 49% of the surrounding hard matrix from the soft skull and 8% of the skeletow. SERVICE fossil, made difficult Future scans may reveal more. by the extensive proof tissue fossilization. However, the benefits ore priceless. An entire front foot is perfectly preserved, skin and all. Stomach contents include Typically,
the osteoderms ferns and traces of charcoal. The animal is so well preserved, Excellent keratin of ankylosours preservation helps are found loose and naked, but here 186 were in situ, and covered in keratin and skin. features such as eyelids, pakontologists plot skin, keratin, and stomach growth trends to contents can be seen compare features to as they were in life, other dinosaurs and living animals. with no detormation.

Borewopelta markmitchelli is a nodosaur, a tamily of dinosaurs in the suborder Fossil site Ankylosauria, that lived in what is now North America in the Early Cretaceous One mystery that a 5.5m, 1.5 ton land herbivore, ended They lack the Ankylasaurs' up in the middle of the sea. Perhaps it was the victim of a flash flood that famous tail club, but the swept it off its feet. But whatever fossil was identified easily misfortune befell this dinosaur in by the nodosaurs' distinctive life has ensured its legacy in death, rear third of the fossil being lost to mining. and gives us a glimpse into the post. Mary Commences Con Committee Using mass spectrometry, Borealopelta's color was chemically found to be reddish brown and countershaded, a coloration that helped camouflage it from the gigantic predators of the time.



Referenced from material Provided by the Royal Tyrrell Museum of Palaeontology

shortsplit

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